



Elective Course Offerings at Peach County High School for the 2026-2027 School Year

The following slides detail the different elective course options/pathways that will be available at Peach County High School during the 2026-2027 school year.

CTAE Elective Course Offerings

AGRICULTURE, FOOD, AND NATURAL RESOURCES

AGRICULTURAL MECHANICAL SYSTEMS

1. Basic Agricultural Science and Technology
2. Agricultural Mechanics I
3. Agricultural Mechanics II

PLANT AND LANDSCAPE SYSTEMS

1. Basic Agricultural Science and Technology
2. General Horticulture and Plant Science
3. Nursery & Landscape

VETERINARY SCIENCE

1. Basic Agricultural Science and Technology
2. Animal Science and Biotechnology
3. Veterinary Science

PLANT AND FLORAL SYSTEMS

1. Basic Agricultural Science and Technology
2. General Horticulture and Plant Science
3. Floral Design



FFA is a dynamic youth organization that changes lives and prepares members for premier leadership, personal growth, and career success through agricultural education.

AGRICULTURAL MECHANICS PATHWAY

Areas of study:

- Safety in Workplace
- Tool Identification and Operation
- Wood Fabrication & Construction
- Metal Fabrication and Repair
- Welding
- Small Engines Operation
- Tractor and Lawnmower Operation and Maintenance
- Electrical Wiring



Students must enroll in and receive credit for the Basic Agricultural Science course before starting this pathway.

PLANT AND LANDSCAPE SYSTEMS PATHWAY

- This pathway will provide students with the basic skills and knowledge introducing the major concepts of plant and horticulture science.
- Students will have the opportunity to learn through hands-on instruction in the greenhouse and outdoors. Students will operate machinery.



Students must enroll in and receive credit for the Basic Agricultural Science course before starting this pathway.

PLANT AND FLORAL SYSTEMS PATHWAY

- This pathway will provide students with the basic skills and knowledge introducing the major concepts of floral design industry.
- Students will have the opportunity to learn through hands-on instruction in the production, marketing, sales, and designing of floral products.



Students must enroll in and receive credit for the Basic Agricultural Science course before starting this pathway.

VETERINARY SCIENCES PATHWAY

- This pathway is designed to provide students with skills and concepts involved with the care and treatment of animals.
- Students will have the opportunity to learn through hands-on instruction in the school farm. Students will be in close proximity to animals.

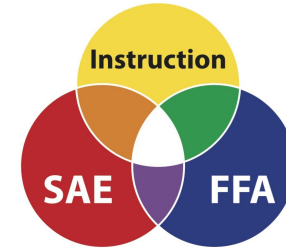


Students must enroll in and receive credit for the Basic Agricultural Science course before starting this pathway.

The FFA Organization

*FFA is a dynamic youth organization that changes lives and prepares members for **premier leadership, personal growth and career success through agricultural education.** FFA develops members' potential and helps them discover their talent through **hands-on experiences**, which give members the tools to achieve **real-world success**.*

Members are future chemists, veterinarians, government officials, entrepreneurs, bankers, international business leaders, teachers and premier professionals in many career fields.



Peach County FFA



@PeachCo_FFA



@PeachCountyFFA

Georgia FFA Association

Premier Leadership | Personal Growth | Career Success

AUDIO & VIDEO TECHNOLOGY & FILM PATHWAY

The broadcasting and digital media industry is comprised of two major employers—radio/television broadcasting companies and movie/television production companies.

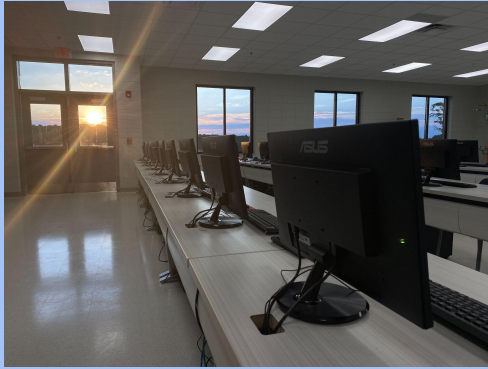
Georgia ranks #1 in film production

The film industry in Georgia is \$10 Billion dollars and growing

Start your career in Audio/Video at PCHS.



AUDIO-VIDEO TECHNOLOGY & FILM PATHWAY



AUDIO-VIDEO TECHNOLOGY & FILM 1

AUDIO-VIDEO TECHNOLOGY & FILM 2

AUDIO-VIDEO TECHNOLOGY & FILM 3

BROADCAST VIDEO PRODUCTION APPLICATION



AUDIO & VIDEO TECHNOLOGY & FILM PATHWAY

Audio & Video Technology & Film I

Learn about:

Basic equipment, script writing, production teams, production and programming, lighting, recording and editing, studio production, and professional ethics.



Automotive Technologies

General Automotive Technology program is the starting point for students to gain essential skills from this pathway.

The course covers various subjects, including automotive preventative maintenance, electrical systems, brakes, steering and suspension, engine repair and more!

There are various of projects that students will be able to take a part of, and expand their knowledge of automotive.



General Automotive Technologies Pathway

There are 3 classes in this pathway:

Automotive Technologies 1

Automotive Technologies 2

Automotive Technologies 3

You will learn the basic skills needed to gain an entry level Automotive technician job.

There is theory and hands on instruction where you will learn



- Safety
- Preventative maintenance
- Brakes
- Steering and suspension
- Electrical systems
- Engine repair and engine performance
- Automatic transmissions and manual transmissions
- Differentials
- Automotive HVAC

Advance Automotive Technologies Pathway

The Advance Automotive Technologies Pathway is a continuation of the General Pathway, Instead here we will go further in depth over the automotive topics.

Advance Automotive Technologies 4

Advance Automotive Technologies 5

Advance Automotive Technologies 6

- In this pathway, with the knowledge gained you could work as an Intern at a local shop (grades 11-12 only) or as an entry level technician.
- We also offer a 2 year ASE entry level certification with a passing grade on the exam.



Business & Technology Pathway



Mrs. Kristi Riley
Business Education
FBLA Advisor

- ✓ Project centered courses
- ✓ Student Organization-FBLA
- ✓ Student centered School-Based Enterprise-Trojan Trading Post

Students will have the opportunity to obtain Microsoft Office Specialist certifications while completing the pathway.



Business and Technology Pathway courses will give you many opportunities to gain in-depth knowledge of business practices, computer technology, and software that are part of a desired workforce skill-set. Students gain real-world experience through project-based learning and utilized the student-run school store.

Course Sequence

1. Intro to Business Technology
2. Business and Technology
3. Business Communications

CURRENT MOS Certified students: 52 *and counting*

Spring 2022
Microsoft
Specialists



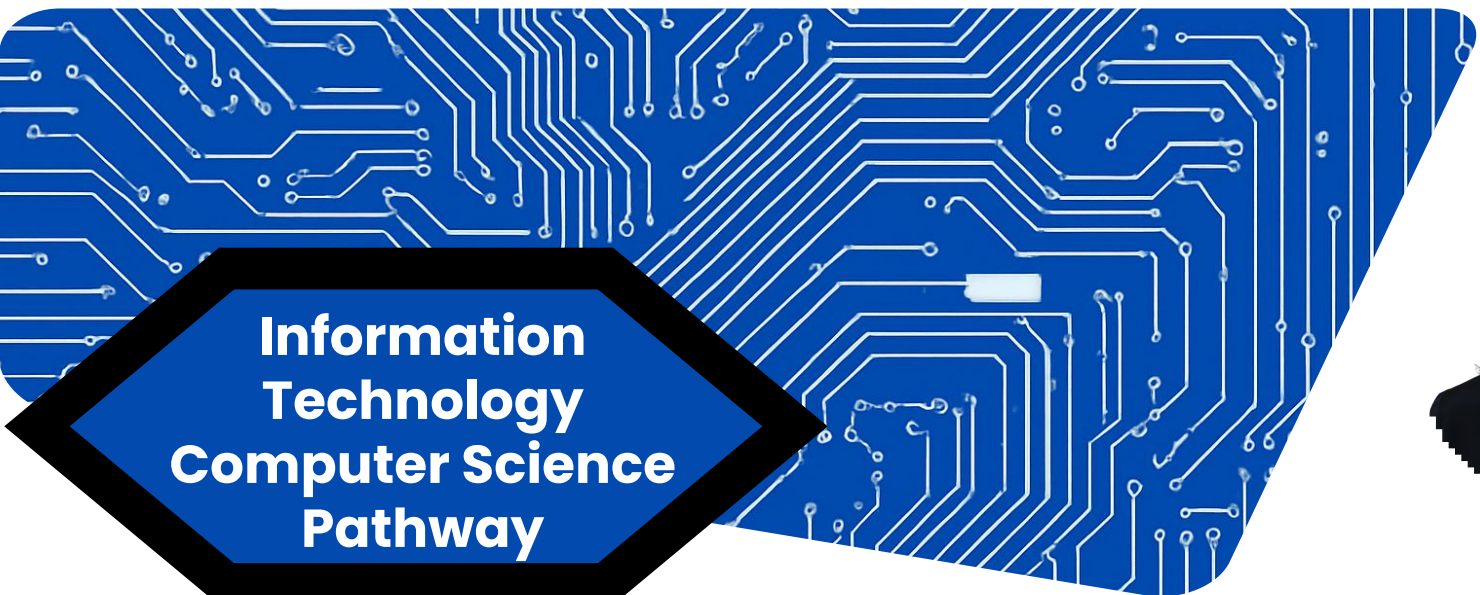


SCHOOL-BASED ENTERPRISE



- ✓ Student centered/run business
- ✓ All proceeds benefit organizations at PCHS
- ✓ Real-world experiences in
 - ✓ Marketing
 - ✓ Product development
 - ✓ Inventory
 - ✓ Point-of-Sale
 - ✓ Business practices





Information Technology Computer Science Pathway



1. INTRODUCTION
TO SOFTWARE
TECHNOLOGY

THE FOUNDATION

2. AP COMPUTER
SCIENCE
PRINCIPLES

ADVANCED THEORY

3. PROGRAMMING,
GAMES, APPS, AND
SOCIETY

REAL WORLD
APPLICATION





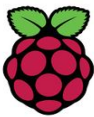
HANDS ON

LEARNING

Glowforge



Raspberry Pi



3d Printing



Robots



Drones



PROGRAMMING PATHWAY

- *Information and communication technologies*
- *Develop applications that read real world data from sensors, interpret the data and respond to real world issues*
- *Object oriented programming*
- *Python Programming*

INTERNET OF THINGS

- *Introduction to hardware, networking and IoT*
- *Electronics and interfacing circuits*
- *Sensors*
- *Motors and Fall innovation project*
- *Real world problem solving with embedded programs*
- *Testing and debugging embedded code*



**The future is built
on STEM. We're
building its
leaders.**



**The world needs innovators,
problem-solvers, and leaders with a deep
understanding of technology. TSA
provides engaging opportunities to
develop these essential STEM skills,
shaping the future of technology
education and the industries it serves.**

Healthcare- Meet the teachers



Kristine Spivey, LPN

- Nurse 19 years
- Teaching 9 years

Liana Keys, MLT

- Medical Lab Technologist 8 years
- Phlebotomist 4 years
- Teaching 4 years



Introduction to Healthcare

1st class to the healthcare
pathway



Glo Germ to learn
proper
handwashing

Healthcare topics:

- Infection Control
- Employability Skills
- Proper Body Mechanics
- Ethical & Legal Issues
- Medical Math/ Military time
- Communication Skills
- Safety Practices
- Healthcare Facilities & Careers
- Diversity
- Patient's Rights
- Scope of Practice

Essentials of Healthcare/Human Anatomy

2nd Level course

Counts as CTAE
credit and a
science credit



Body Systems/Standards

- Histology
- Integumentary
- Skeletal
- Muscular
- Nervous
- Endocrine
- Cardiovascular
- Respiratory
- Lymphatic
- Digestive
- Excretory
- Reproductive

ALLIED HEALTH & MEDICINE PATHWAY

3rd Level course

11th & 12th grade

Many Allied Health jobs can be used as excellent entry points to a career pathway leading to better pay and a bright future. National credentials, which can be earned in as little as six months to two years, are offered as alternatives to more lengthy and costly undergraduate degrees.



Allied Health Career Outlook:

- Dental Assistant
- Dental Hygiene
- Medical Assistant
- Medical Laboratory
- Medical Office
- Mental Health
- Occupational Therapy
- Pharmacy
- Phlebotomy
- Physical Therapy
- Public Health
- Radiology Technology
- Respiratory Therapy
- Surgical Technology
- Ultrasound



Phlebotomy

3rd Level Course

11th or 12th Grade

This course is designed to help students become prepared for the phlebotomy technician certification exam, upon completion of all required components.

Simulated sticks will happen in lab.

Live sticks are required for certification.



- Employability Skills
- Options in the industry
- terminology/equipment
- Regulatory agencies
- Quality control measures
- Anatomy for venipuncture
- Blood collection
- Venipuncture/capillary blood collection
- Specialized collection/handling
- Facility procedures/ protocols

Nurse Aide - Dual Enrollment - 12th grade

- Background check
- Drug test
- Flu vaccine
- Vaccination record
- Good attendance
- Scrub wear as pictured
- No behavior referrals
- Maintain 75 or higher average
- 24 hours of clinical required at local nursing home with instructor



- Partnership with CGTC
- Nurse Aide
- Medical Terminology
- Diet & Nutrition

Peach County High School



Mrs. S. Johnson

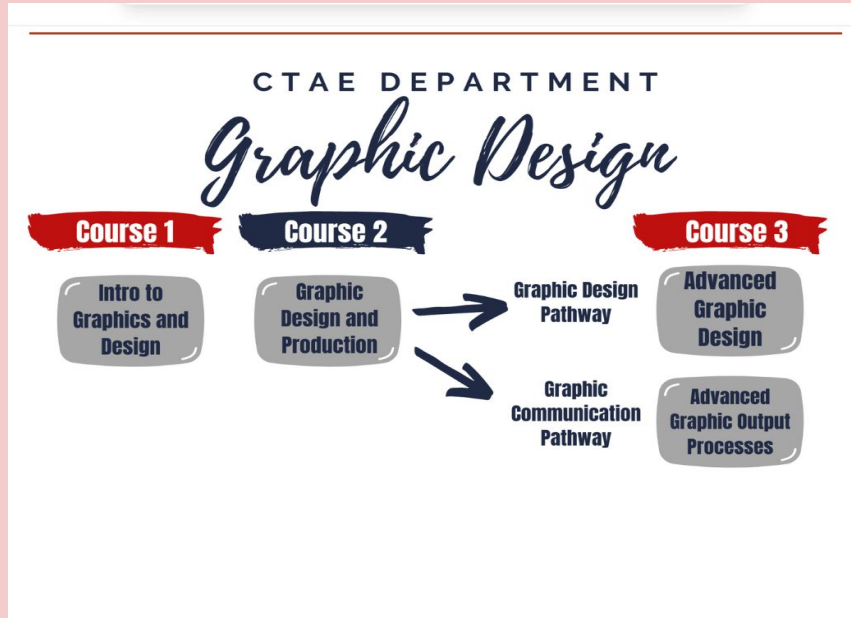
Graphic Design

For more information, please contact Mrs. S. Johnson at sjohnson@peachschools.org. Additionally, at your convenience, view the 1 minute overview presentation at [PCHS Graphic Pathway Youtube](#) or [PCHS Graphic Pathway Canva](#).

Graphic Design

In the Graphic Design pathway, students will plan, analyze, and create visual solutions to creative and communication design problems. The curriculum highlights the most effective way to communicate via print and digital media using a variety of methods.

Design concepts such as color, type, illustration, photography, drone photography, as well as various other print and layout techniques are explored over several semesters. Students will learn to create layouts and production design for magazines, newspapers, advertisements, online spaces, and many other types of publications. They will also produce promotional displays, packaging, banners, and posters for advertising products and services.



PCHS PATHWAY COURSES

- Introduction to Graphics and Design
- Graphic Design and Production
- Advanced Graphics Output Processes

Central Georgia Technical College

Dual Enrollment CTAE Pathway Options

10th - 12th Grade Students

- Cosmetology
- Cybersecurity
- Early Childhood Care & Education
- Welding

11th & 12th Grade Students only

- Aircraft Structural Technology (*must be able to provide own transportation*)
- Logistics & Distribution
- Nurse Aide Essentials
- Phlebotomy

****A 2.0 Academic GPA is required for all Dual Enrollment CTAE programs****

NEW PARTNERSHIP FOR 2026-2027!!

HUTCHINGS COLLEGE AND CAREER ACADEMY

in MACON, GA

These courses will only be available during a student's 4th block on their schedule.

The student will be able to complete the entire pathway within the school year.

Available pathways include:

- **Advanced Manufacturing**
- **Call Center/Customer Service**
- **Culinary (Cooking)**
- **EV (Electric Vehicle)**
- **Fire Science (Firefighting)**
- **Emergency Medical Responder (EMR)**
- **AI/Robotics**
- **Barbering**
- **Construction**
- **Engineering**
- **Industrial Systems Technology (IST)**



- **You must be in 10th, 11th, or 12th grade in order to attend HCCA.**
- **You must be on track to graduate.**
- **You must meet all program/GPA requirements and be accepted to the pathway.**

Mr. Jason Weiss, Principal HCCA

Fine Arts Course Offerings

PCHS Band Pathway

Concert Band

Intermediate Band

Advanced Band

Percussion Ensemble

**Please note that Band courses are YEAR LONG courses...Both Semesters.

Extracurricular Options

The Trojan Marching Band

Jazz Band

District Honor Band

Region Band

All-State Band

Solo & Ensemble

Band:

- Students are expected to be enrolled in both semesters to continue the learning sequence associated with playing their instruments.
- The Peach County High Band Program offers the Trojan Marching Band during the fall. This ensemble performs for parades, pep rallies, and football games.
- During the 2nd semester, the Symphonic Band is the performance ensemble for Large Group Performance Evaluation, the Trojan's Arts Gala, and the spring concert.
- Students in the Band have earned Band Scholarships to colleges all over the nation.

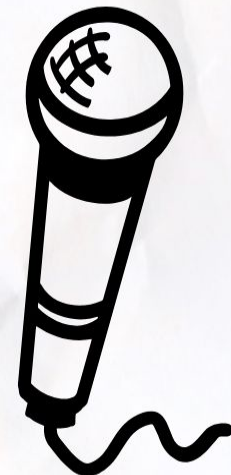




MUSIC APPRECIATION

Teacher: Mrs. RABURN

This class explores a wide range of musical genres and styles from around the world. Students will learn how music reflects identity, history, and emotion, and why it resonates across cultures. Through listening, discussion, and creative activities, students will develop a deeper appreciation for music's role in society and its universal appeal.



Chorus

Mrs. Raburn

****Please note
that Chorus
courses are
YEAR LONG
courses...Both
Semesters.**

Trojan Singers are growing as vocalists, musicians, and people. We focus on music and life skills that enable us to collaborate and create music, ultimately making the world a better place.

Beginner Chorus

- Designed for students with little to no prior singing experience
- Students will learn the fundamentals of vocal technique, music theory, sight reading skills, and performance confidence

Intermediate and Advanced Chorus

- For experienced singers seeking a challenging and enriching choir class
- Students will learn advanced vocal technique, musical interpretation, and part-singing

These ensembles will perform regularly at school concerts, festivals, and community events.

FUNDAMENTALS OF THEATRE

Course open to all students, covers basic theatre skills, technique, and history through a combination of activities and projects.



TECHNICAL THEATRE

In this course, students will have the opportunity to have hands on experience constructing the different behind the scenes elements of our school productions.

THEATRE ARTS PATHWAY

ADVANCED DRAMA

Course open to students who have previously taken Fundamentals. This course covers different acting techniques and produces a show for local schools.



MUSICAL THEATRE

Course open to students who have previously taken theatre. This course prepares students for auditions and creates a showcase of work.



INTERNATIONAL THESPIAN SOCIETY

Thespian Society is meant for students who show high work-ethic in the area of Theatre. Our Thespian Troupe has been active since 1990 and travels to see high quality shows and attend workshops.



VISUAL ARTS PATHWAY

Comprehensive Art

(Pre-requisite for ALL Visual Art Courses)

**Drawing & Painting:
I, II, III, IV**

**AP Art & Design:
Drawing**

**Fibers: I, II
Printmaking: I, II**

**AP Art & Design:
2D Design**

Ceramics: I, II, III

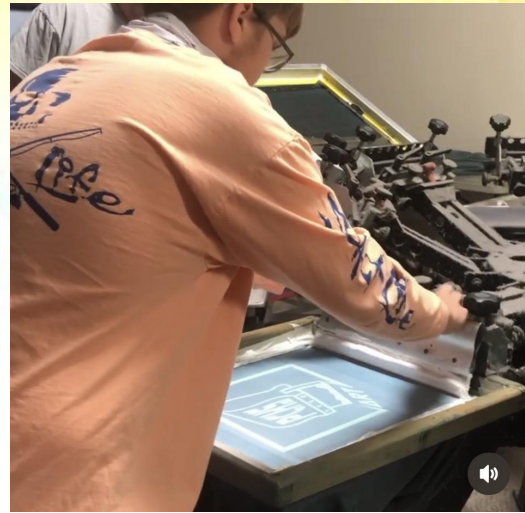
**AP Art & Design:
3D Design**

****There are additional pre-requisites for AP Art Courses.****



In Art, we:

- Compete in local, state, & national art competitions
- Visit Museums
- Tour College Campuses & Art Departments
- Compete in Art Throwdown Competitions
- Have a National Art Honor Society



Journalism Pathway

The journalism pathway encompasses print and online news reporting, newspapers, and the school's yearbook *Retrospect*.

Journalism I teaches

- how to conduct interviews
- report the news objectively
- taking basic photographs

Journalism II-IV goes beyond the basics and concentrates on the creation, business, and production of the yearbook.

World/Foreign Language Offerings

- 2 credits of Spanish
- 2nd & 3rd pathway courses in the Computer Science pathway

Remember that 2 years of the same foreign language are required for students to be accepted into a four-year college or university.



Work-Based Learning

Work-Based Learning connects classroom instruction with real jobs, allowing students to earn experience (and often pay) while developing career-ready skills. It helps students explore careers, build professional habits, and graduate with a head start on the workforce or college.

- Must be 11th or 12th grade
- Must complete an application
- Work-Based Learning is only offered during 3rd and 4th block.
- Applicants will be vetted based on GPA, behavior, and attendance
- Spots are limited so apply early!

SCAN TO APPLY!



Academic Dual Enrollment Course Options through Central Georgia Tech at the Peach County Workforce Development Center

Fall Semester -

- **Intro to Psychology**
- **Speech**

Spring Semester -

- **American Government**
- **Introduction to Sociology**

*These Dual Enrollment courses require completion of the Dual Enrollment application packet. Please also speak with your counselor to discuss if academic DE courses would be a good fit for you.

Dual Enrollment

To learn more about Dual Enrollment, please visit the Peach County High School website -

<https://pchs.peachschools.org/o/pchs/page/dual-enrollment>

The deadline for students to sign up for Dual Enrollment opportunities is May 1st of the prior school year.

(For example, to take DE classes during school year 2026-2027, students must complete all application requirements by May 1, 2026.)